

NSW SCIENTIFIC COMMITTEE

Determination to make a minor amendment to Schedule 1 of the Threatened Species Conservation Act

The Scientific Committee, established by the *Threatened Species Conservation Act 1995* (the Act), has made a determination to amend the list of ENDANGERED SPECIES by inserting *Philotheca obovatifolia* (Bayly) P.I.Forst. in Part 1 of Schedule 1 of the Act and, as a consequence, omitting reference to *Philotheca myoporoides* subsp. *obovatifolia* M.J. Bayly. This amendment is the result of a change in the name of the species following taxonomic revision. This determination is made pursuant to Division 5 of Part 2 of the Act.

The Scientific Committee has found that:

1. *Philotheca myoporoides* subsp. *obovatifolia* M.J. Bayly (family Rutaceae) was originally listed as an Endangered species under the Act in 1999. The subspecies was raised to specific rank by Forster (2005). This taxonomy is followed by Wilson (2013), APC (2016) and PlantNET (2016).
2. *Philotheca obovatifolia* (Bayly) P.I.Forst. is described as “Subshrub to 1 m high, glabrous except for flowers. Branchlets sparsely glandular verrucose. Leaves densely clustered near stem apices, broadly obovate, ±flat, 28–60 mm long, 14–30 mm wide, ±flat, obtuse to slightly retuse, shortly mucronate. Flowers solitary or in clusters of 2–5; peduncles conspicuous, to 10 mm long; pedicels 5–9 mm long, sparsely glandular verrucose. Sepals broadly deltate. Petals elliptic-oblong, 8–9 mm long, 3.5–4 mm wide, cream tinged with pink, papillose adaxially, abaxially glabrous with verrucose glands towards apex. Staminal filaments ciliate for entire length; apex with scattered longer hairs.” (Wilson 2013).
3. *Philotheca obovatifolia* is found in north-eastern New South Wales (NSW) and south-eastern Queensland. In NSW, the species is known from a small area in Werrikimbe National Park and Mount Boss State Forest, south-east of Walcha on the eastern edge of the New England Tablelands (Wilson 2013; PlantNet 2016).
4. The Scientific Committee is of the opinion that an amendment to the Schedule is necessary or desirable to reflect a change in the name of a species in Schedule 1 as a result of taxonomic revision.

Dr Mark Eldridge
Chairperson
Scientific Committee

Proposed Gazettal date: 10/03/2017

References:

APC (Australian Plant Census). National Species List APNI/APC. Council of Heads of Australasian Herbaria (CHAH). <https://biodiversity.org.au/nsi/services/apc> (accessed 11 November 2016).

PlantNET (The NSW Plant Information Network System). Royal Botanic Gardens and Domain Trust, Sydney. <http://plantnet.rbgsyd.nsw.gov.au> (accessed 11 November 2016).

Forster PI (2005) New species of *Philotheca* Rudge (Rutaceae) from Queensland. *Austrobaileya* **7**, 175–181.

Wilson PG (2013) *Philotheca* (Rutaceae). *Flora of Australia* **26**, 366–415.